



CASE 4-16180/-/CIP

61Q
EBW
1-17-90

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Group Art Unit: 121

KNUT A. JAEGLI ET AL.

Examiner: R. Schwartz

SERIAL NO: 315,962

FILED: FEBRUARY 27, 1989

FOR: NOVEL SUBSTITUTED ALKANE-DIPHOSPHONIC ACIDS

Commissioner of Patents and Trademarks

Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING DEPOSITED WITH THE UNITED STATES POSTAL
SERVICES AS FIRST CLASS MAIL IN AN ENVELOPE
ADDRESSED TO: COMMISSIONER OF PATENTS AND
TRADEMARKS, WASHINGTON, D. C. 20231, ON

January 3, 1990.

John H. ...

AMENDMENT

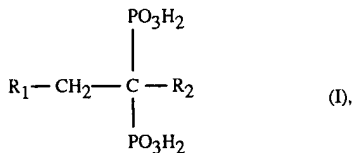
Sir:

In response to the Office Action dated October 4, 1989, kindly amend the above-referenced application as follows:

IN THE CLAIMS

Cancel claims 1-20 and add new claims 21-25 as follows:

21. A heteroarylalkanediphosphonic acid of the formula



wherein R_1 denotes an 1-imidazolyl or 2-(1-methyl)imidazolyl radical and R_2 represents hydroxy, or a salt thereof.

22. A compound as claimed in claim 21 being 2-(imidazol-1-yl)-1-hydroxy-ethane-1,1-diphosphonic acid or a salt thereof.